



RF-1220CA

OUTPUT: APPROX 0.05~3.5W

Precious metal-brush motors

代表的用途: 精密仪器、照相机
家用电器、自动门锁

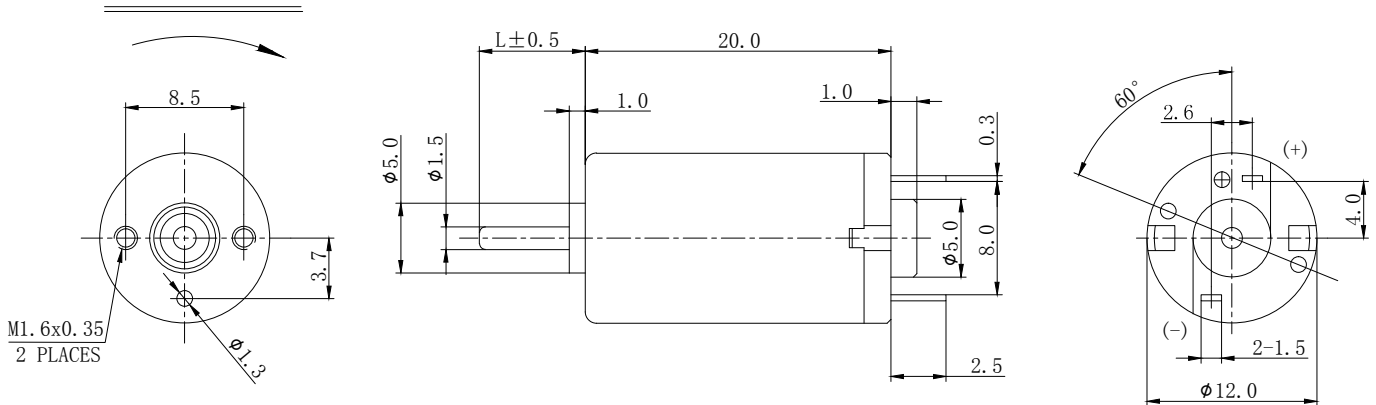
Precision instrument Camera
Household Electric Appliances Automatic door-lock



MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL	
	OPERATING RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT	TORQUE	CURRENT
			r/min	A	r/min	A	mN.m	W	g.cm	A
RF-1220CA-1396	1.5-3V	2.4V	15000	0.12	10000	0.40	0.39	0.40	11	1.2
RF-1220CA-1585	1.5-3V	2.4V	16000	0.14	11000	0.45	0.39	0.41	13	1.4
RF-1220CA-09190	2-6V	3.0V	10000	0.04	7438	0.118	0.21	0.15	0.8	0.339

UNIT: MILLIMETERS

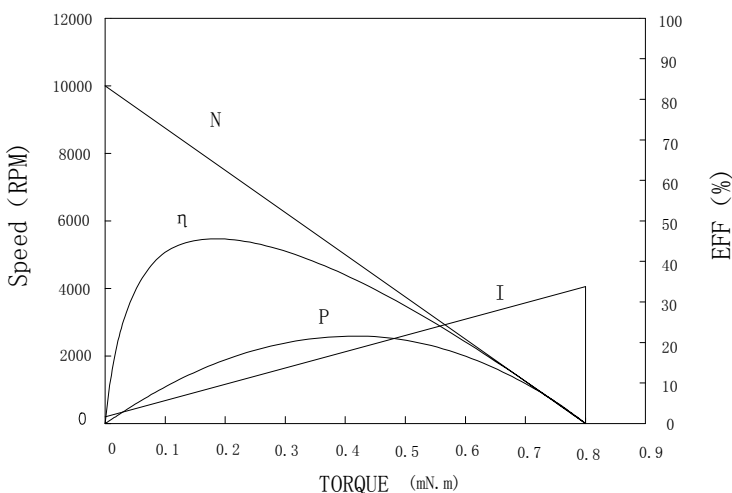
旋转方向
Direction Of Rotation



WEIGHT: 13g (APPROX)

RF-1220CA-09190

3.0V



At No Load

Speed: 10024 RPM
Current: 0.041 AMPS

At stall (Extrapolated)

Torque: 0.80 mN.m
Current: 0.339 AMPS

At maximum efficiency

Efficiency: 42.5 %
Torque: 0.206 mN.m
Speed: 7438 RPM
Current: 0.118 AMPS
Output: 0.15 Watts

At maximum Power output

Output: 0.196 Watts
Torque: 0.398 mN.m
Speed: 6391 RPM
Current: 0.15 AMPS

Characteristics

Torque constant K_t : 2.673 mN.m/APM
E. M. F. constant E_c : 2.673 mV/rad/sec
Dynamic resistance: 8.8493 Ohms
Motor regulation M_r : 12584.93 RPM/mN.m